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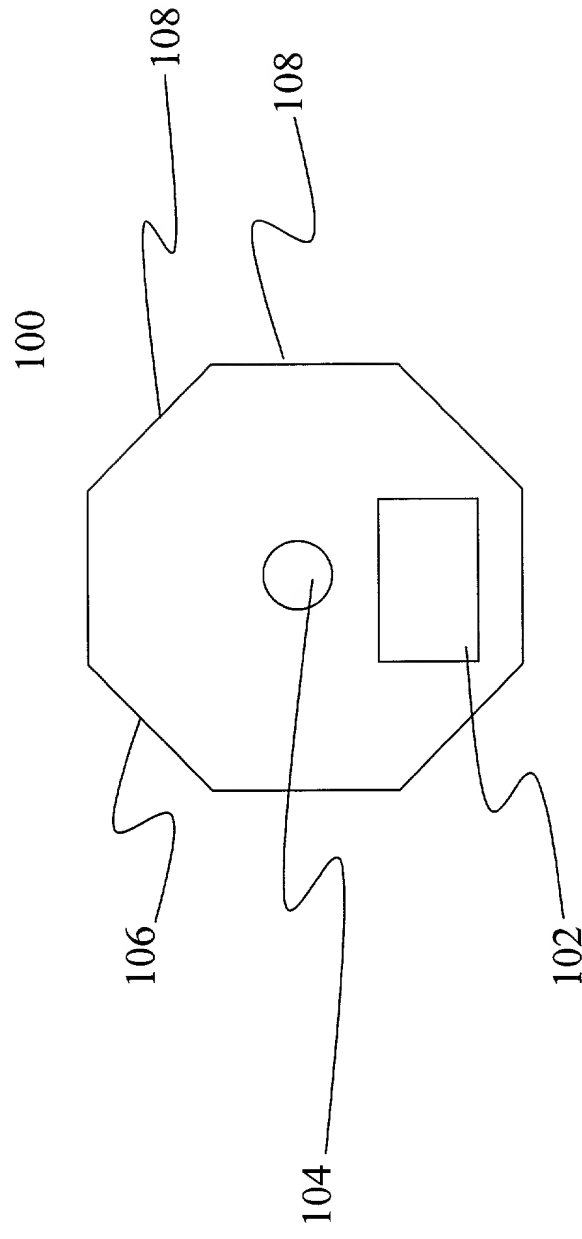


FIG. 1

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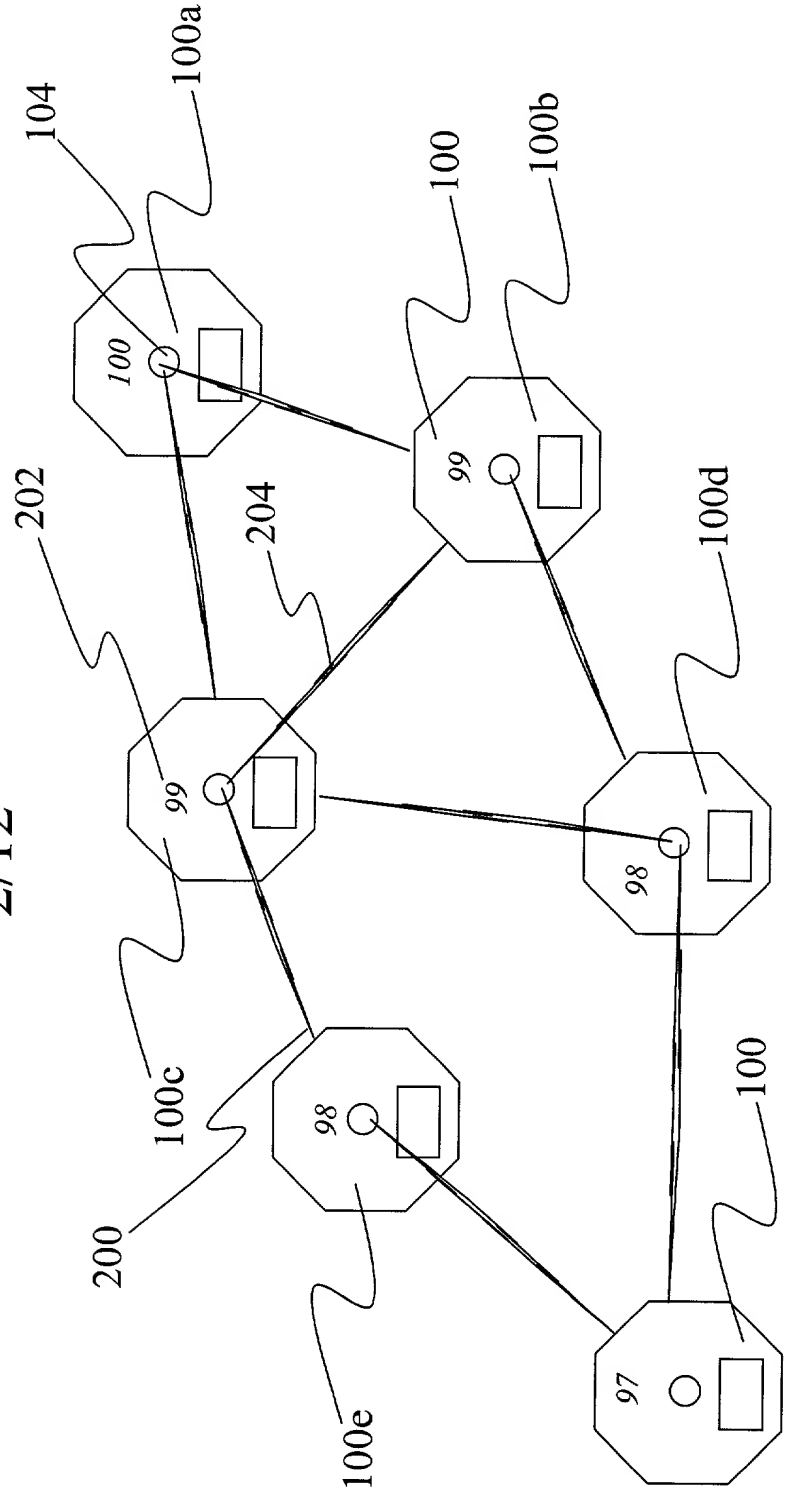


FIG. 2

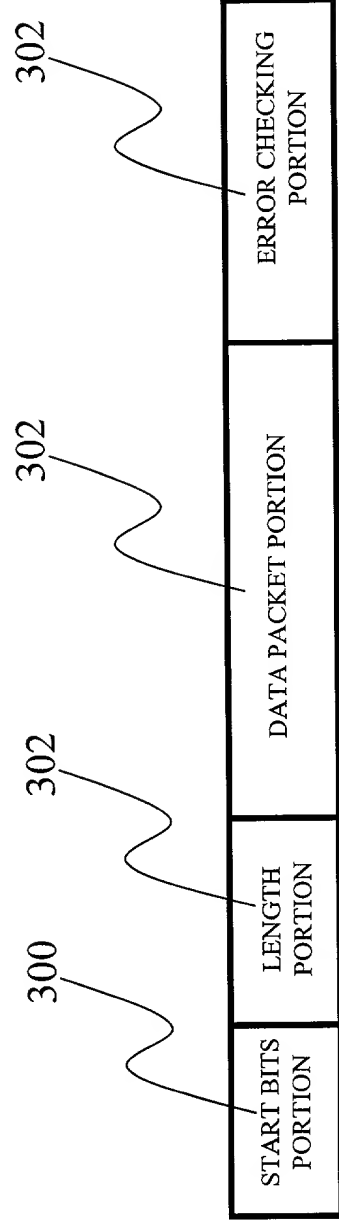


FIG. 3

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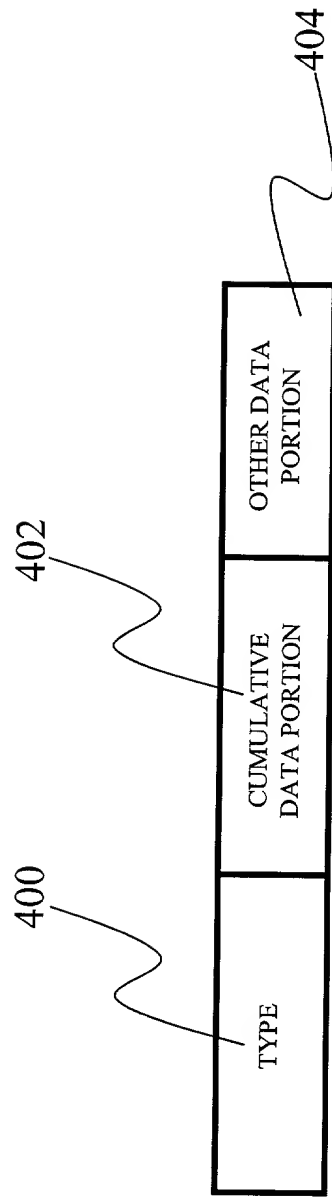


FIG. 4

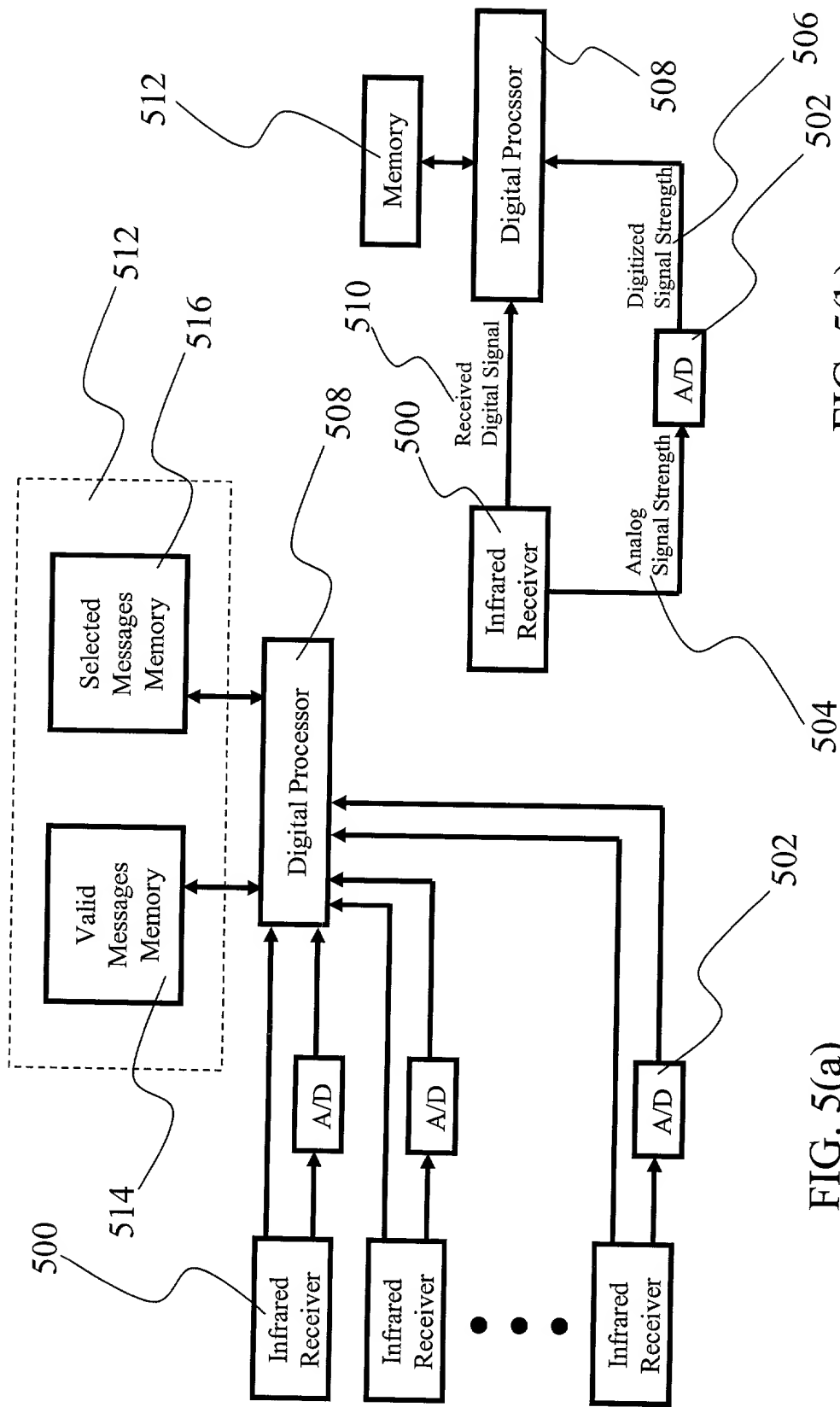


FIG. 5(a)

FIG. 5(b)

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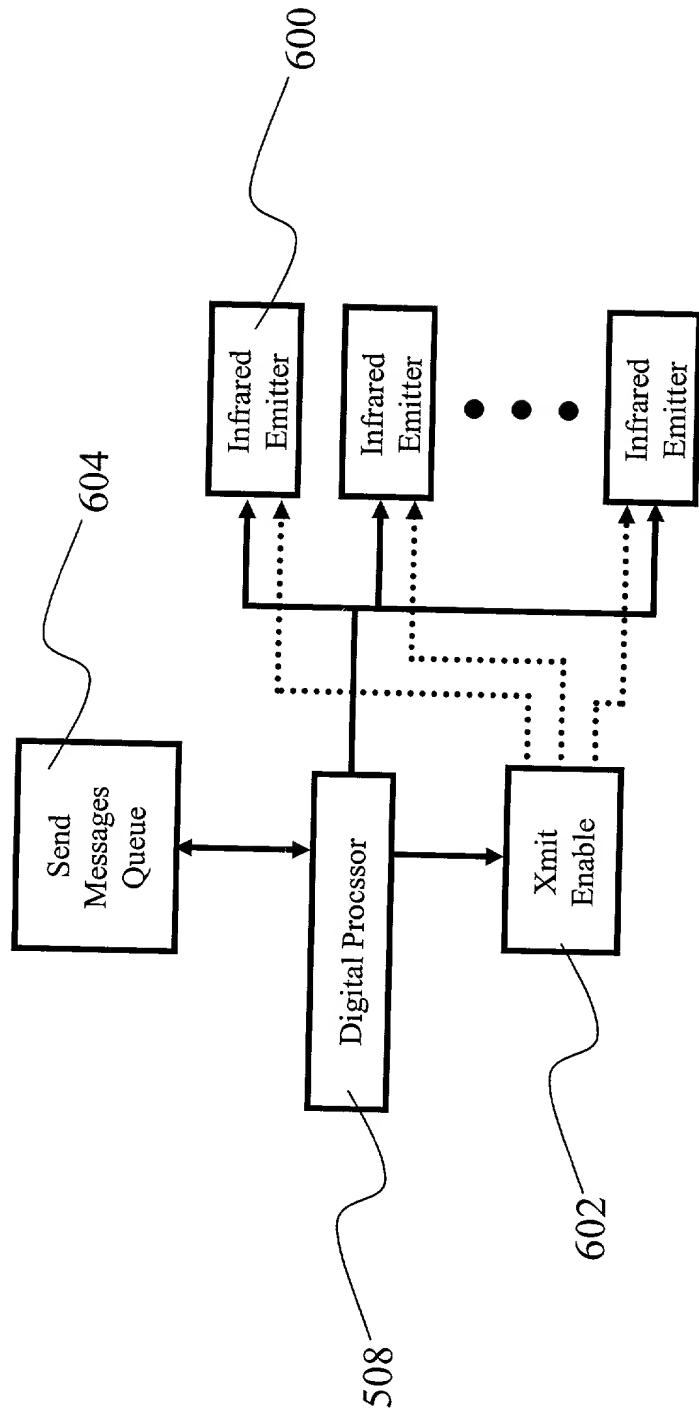


FIG. 6

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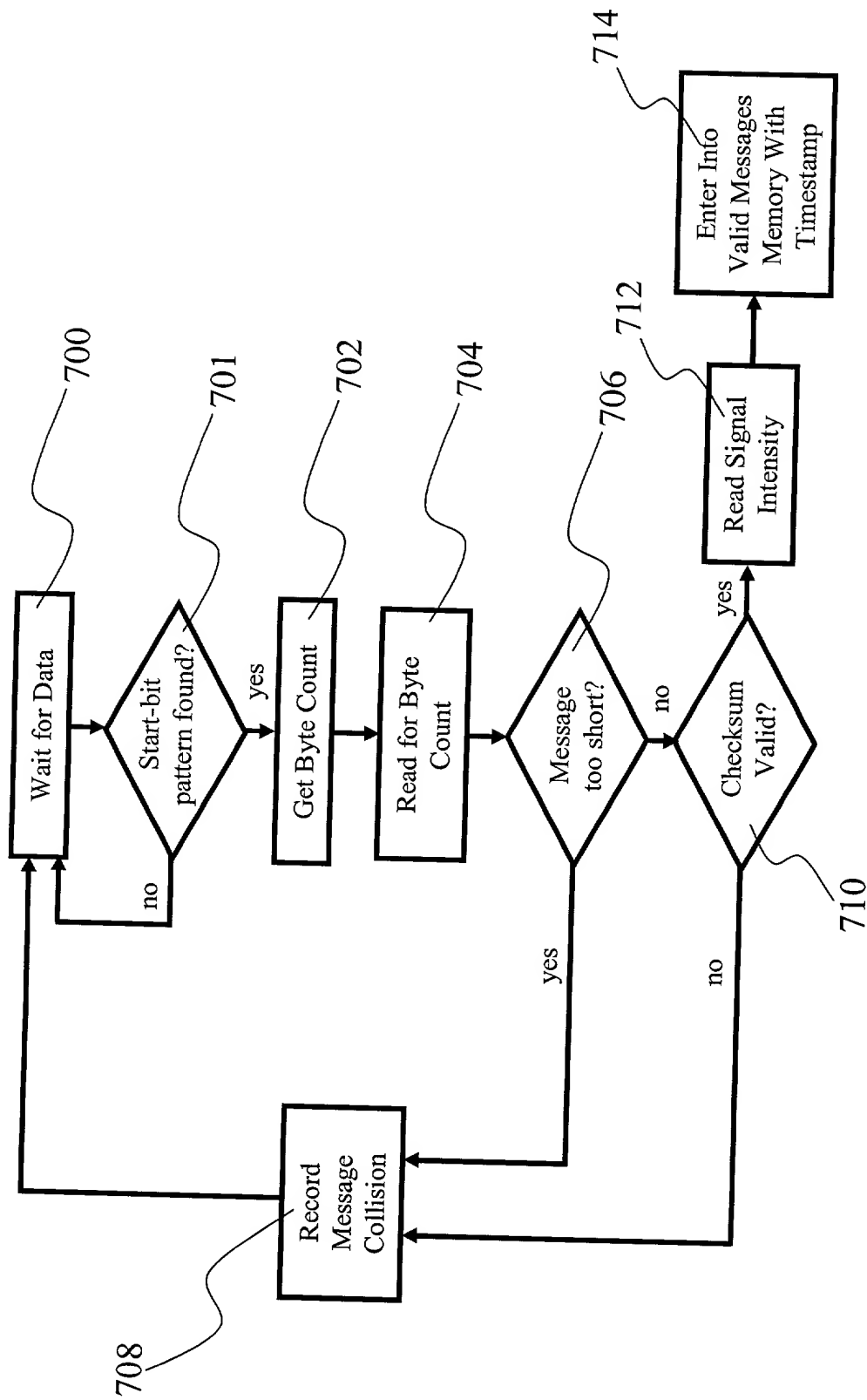


FIG. 7

| Type | Direction | Signal Intensity<br>(cumulative data) | Timestamp | Strength (local data) | Other Data |
|------|-----------|---------------------------------------|-----------|-----------------------|------------|
| 10   | 1         | 11                                    |           | 26                    |            |
| 10   | 1         | 22                                    |           | 24                    |            |
| 10   | 7         | 34                                    |           | 25                    |            |
| 22   | 0         | 16                                    |           | 43                    |            |
| 22   | 1         | 66                                    |           | 21                    |            |
| 22   | 5         | 34                                    |           | 45                    |            |
| 36   | 4         | 43                                    |           | 44                    |            |
| 36   | 5         | 12                                    |           | 46                    |            |
| 65   | 2         | 48                                    |           | 19                    |            |
| 65   | 6         | 46                                    |           | 13                    |            |

FIG. 8



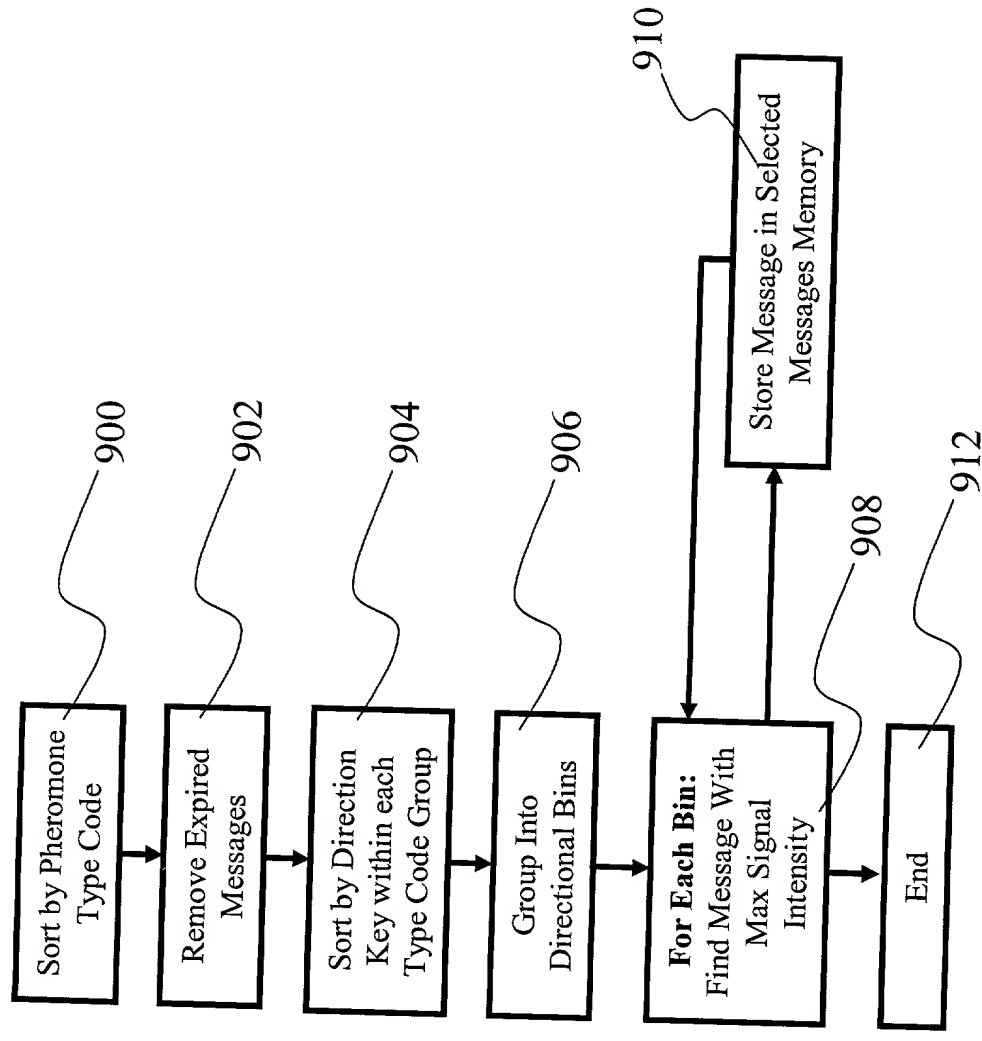


FIG. 9

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Selected Messages Memory

| Pheromone Type Code | Direction Key | Signal Intensity | Message Timestamp | Strength | Data |
|---------------------|---------------|------------------|-------------------|----------|------|
| 10                  | 1             | 22               |                   | 24       |      |
| 10                  | 7             | 34               |                   | 25       |      |
| 22                  | 1             | 66               |                   | 21       |      |
| 22                  | 5             | 34               |                   | 45       |      |
| 36                  | 4             | 43               |                   | 44       |      |
| 65                  | 2             | 48               |                   | 19       |      |
| 65                  | 6             | 46               |                   | 13       |      |

FIG. 10

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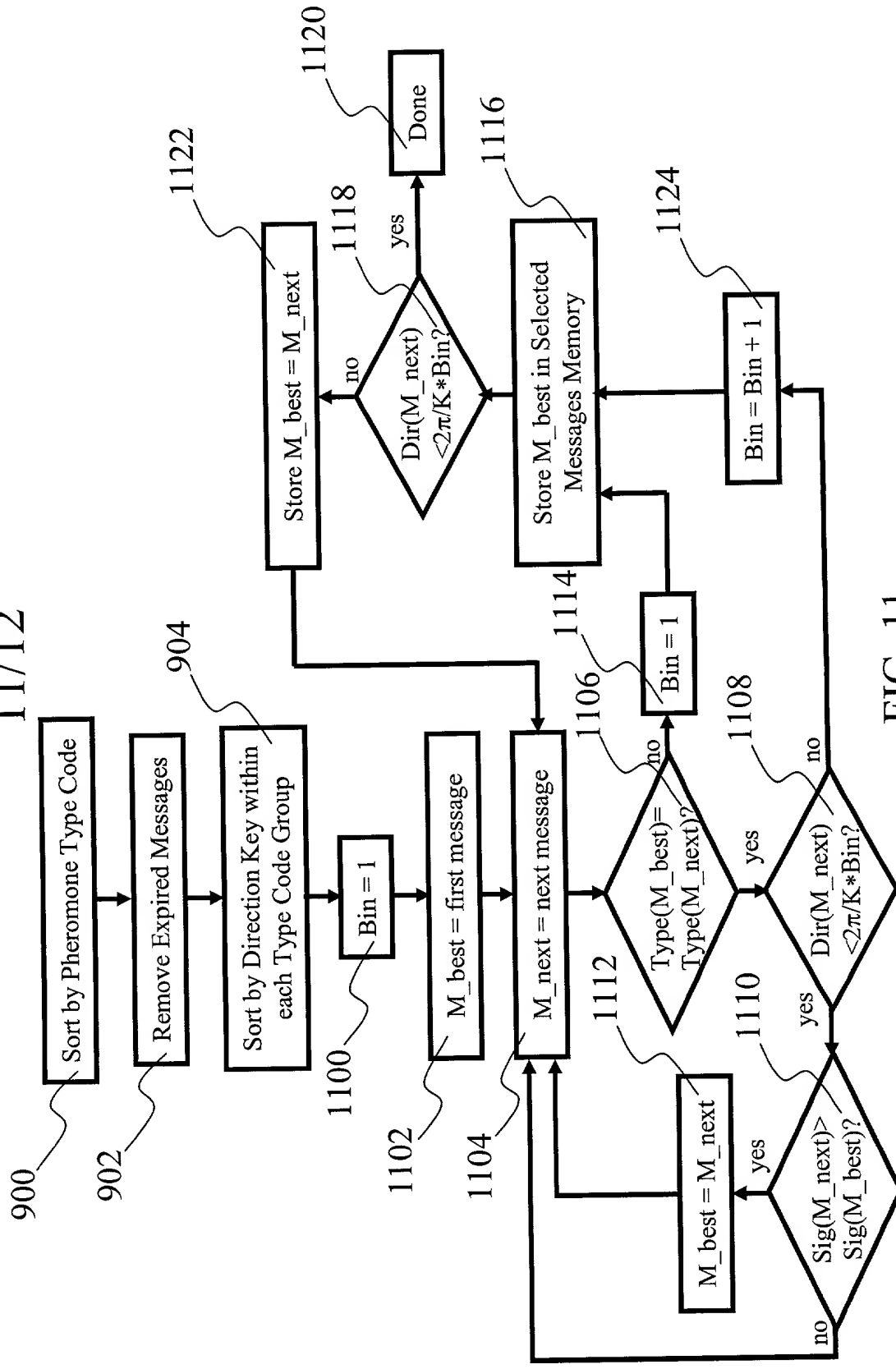


FIG. 11

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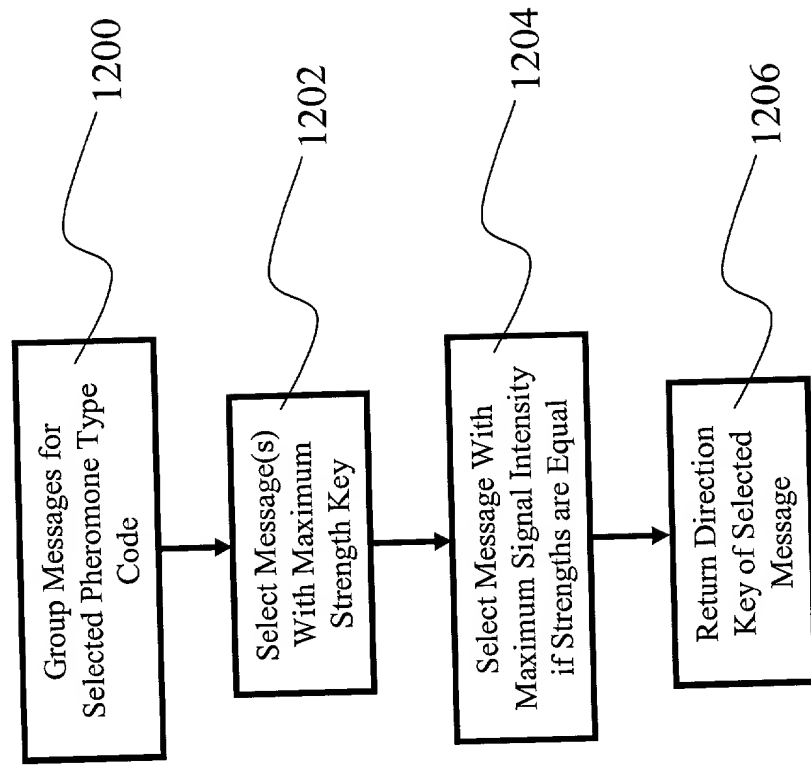


FIG. 12